

Enameled Iron and Metal Sanitary Ware Manufacturing: 2002

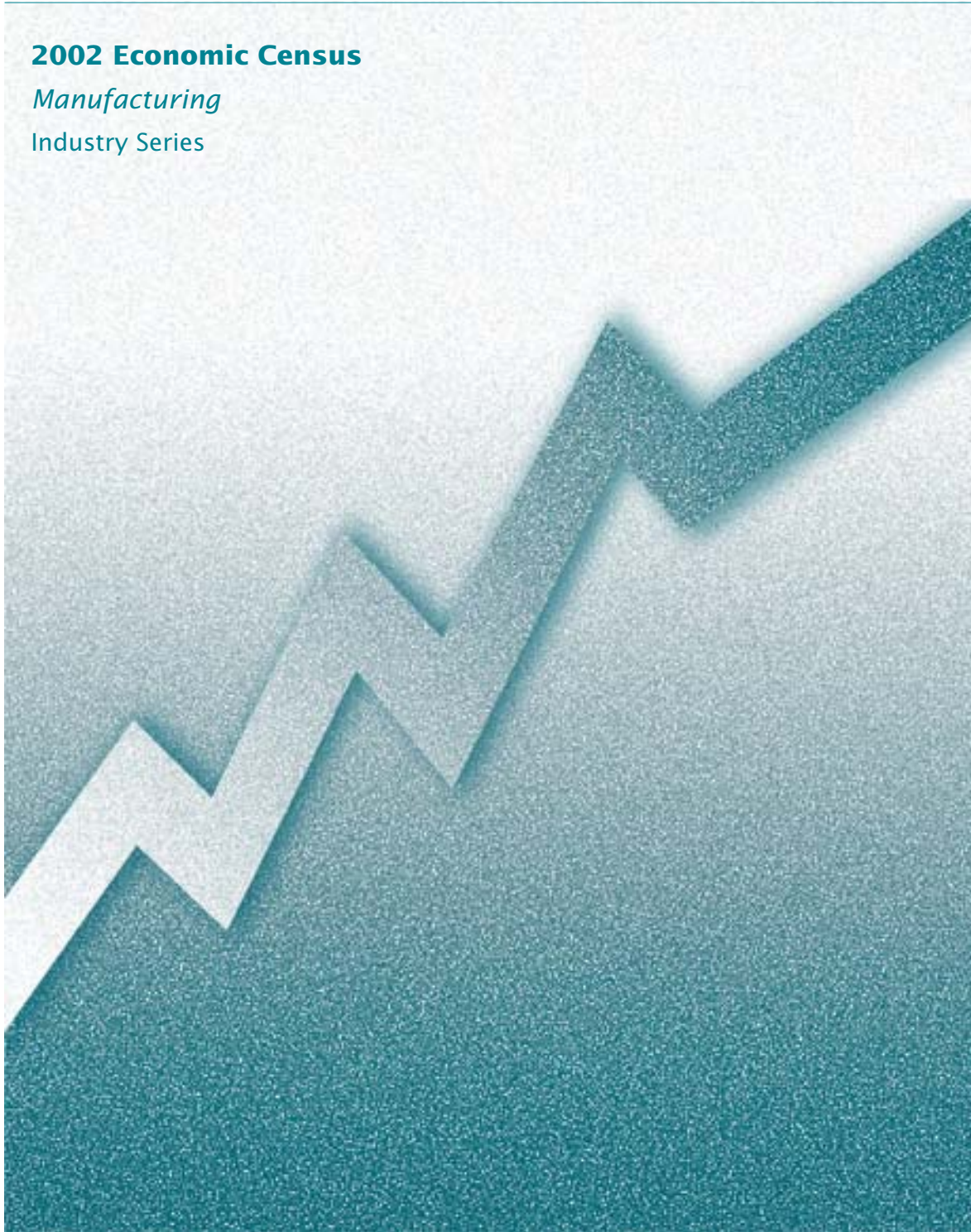
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2002 Economic Census

Manufacturing

Industry Series



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-- Not applicable for this report.

Table 1. Historical Statistics for the Industry: 2002 and Earlier Years

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry and year ¹	Com- panies ²	All estab- lish- ments ³	All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expendi- tures (\$1,000)	
			Number ⁴	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)					
332998, Enameled iron and metal sanitary ware manufacturing	2002...	75	80	6 149	228 088	4 603	9 172	148 099	693 201	541 772	1 246 054	136 593
	2001...	N	N	9 013	305 321	6 697	13 785	194 380	958 772	615 122	1 589 586	32 269
	2000...	N	N	10 275	365 769	7 029	14 088	205 744	1 031 388	673 694	1 686 042	39 445
	1999...	N	N	9 535	350 814	6 516	13 565	198 066	1 004 246	598 226	1 594 156	38 753
	1998...	N	N	9 947	321 355	7 853	15 740	215 635	1 013 983	621 366	1 630 497	42 965
	1997...	82	87	9 792	275 889	7 700	15 115	179 923	969 728	600 546	1 553 730	53 323

¹Statistics presented for years ending in 2 and 7 are census data. Interim census years are derived in a representative sample of manufacturing establishments canvassed in the Annual Survey of Manufactures (ASM).

²For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

³Includes establishments with payroll at any time during the year.

⁴Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 2. Industry Statistics for Selected States: 2002

[States that are a disclosure or with less than 100 employees are not shown. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by *, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

Industry and geographic area	E ¹	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
		Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ³	Hours (1,000)	Wages (\$1,000)				
332998, Enameled iron and metal sanitary ware manufacturing												
United States	—	80	29	6 149	228 088	4 603	9 172	148 099	693 201	541 772	1 246 054	136 593
California	1	20	5	1 321	43 801	996	1 592	25 123	122 041	99 805	221 873	2 498
North Carolina	—	6	4	1 123	45 580	914	2 145	32 760	120 672	124 849	245 241	19 077

¹Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1—10 to 19 percent; 2—20 to 29 percent; 3—30 to 39 percent; 4—40 to 49 percent; 5—50 to 59 percent; 6—60 to 69 percent; 7—70 to 79 percent; 8—80 to 89 percent; 9—90 percent or more.

²Includes establishments with payroll at any time during the year.

³Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C. For geographical definitions, see Appendix D.

Table 3. Detailed Statistics by Industry: 2002

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Item	Value
332998, Enameled iron and metal sanitary ware manufacturing	
Companies ¹	number.. 75
All establishments ²	number.. 80
Establishments with 1 to 19 employees	number.. 51
Establishments with 20 to 99 employees	number.. 11
Establishments with 100 employees or more	number.. 18
All employees ³	number.. 6 149
Total compensation	\$1,000.. 295 076
Annual payroll	\$1,000.. 228 088
Total fringe benefits	\$1,000.. 66 988
Production workers, average for year	number.. 4 603
Production workers on March 12	number.. 4 654
Production workers on May 12	number.. 4 674
Production workers on August 12	number.. 4 548
Production workers on November 12	number.. 4 522
Production worker hours	1,000.. 9 172
Production worker wages	\$1,000.. 148 099
Total cost of materials	\$1,000.. 541 772
Materials, parts, containers, packaging, etc., used	\$1,000.. 422 029
Resales	\$1,000.. 90 636
Purchased fuels	\$1,000.. 9 057
Purchased electricity	\$1,000.. 11 755
Contract work	\$1,000.. 8 295
Quantity of electricity purchased for heat and power	1,000 kWh.. 186 691
Quantity of electricity generated less sold for heat and power	1,000 kWh.. 316
Total value of shipments	\$1,000.. 1 246 054
Primary products value of shipments	\$1,000.. 1 021 998
Secondary products value of shipments	\$1,000.. 95 410
Total miscellaneous receipts	\$1,000.. 128 646
Value of resales	\$1,000.. 113 937
Contract receipts	\$1,000.. D
Other miscellaneous receipts	\$1,000.. D
Primary products specialization ratio	percent.. 91
Value of primary products shipments made in all industries	\$1,000.. 1 285 737
Value of primary products shipments made in this industry	\$1,000.. 1 021 998
Value of primary products shipments made in other industries	\$1,000.. 263 739
Coverage ratio	percent.. 79
Value added	\$1,000.. 693 201
Total inventories, beginning of year	\$1,000.. 163 794
Finished goods inventories	\$1,000.. 70 264
Work-in-process inventories	\$1,000.. 37 702
Materials and supplies inventories	\$1,000.. 55 828
Total inventories, end of year	\$1,000.. 153 311
Finished goods inventories	\$1,000.. 58 691
Work-in-process inventories	\$1,000.. 38 194
Materials and supplies inventories	\$1,000.. 56 426
Gross value of depreciable assets (acquisition costs) at beginning of year	\$1,000.. '298 908
Total capital expenditures (new and used)	\$1,000.. '36 593
Buildings and other structures (new and used)	\$1,000.. '11 041
Machinery and equipment (new and used)	\$1,000.. '25 552
Automobiles, trucks, etc., for highway use	\$1,000.. '305
Computers and peripheral data processing equipment	\$1,000.. '1 078
All other expenditures for machinery and equipment	\$1,000.. '24 169
Total retirements	\$1,000.. '8 139
Gross value of depreciable assets at end of year	\$1,000.. '327 362
Depreciation charges during year	\$1,000.. '20 353
Total rental payments	\$1,000.. 9 230
Buildings and other structures	\$1,000.. 6 397
Machinery and equipment	\$1,000.. 2 833
Total other expenses ⁴	\$1,000.. 63 871
Response coverage ratio ⁵	percent.. 79
Repair and maintenance services of buildings and/or machinery ⁴	\$1,000.. 10 203
Communications services ⁴	\$1,000.. 1 069
Legal services ⁴	\$1,000.. 558
Accounting, auditing, and bookkeeping services ⁴	\$1,000.. 357
Advertising and promotional services ⁴	\$1,000.. 1 420
Expensed computer hardware and supplies and purchased computer services ⁴	\$1,000.. 1 105
Refuse removal (including hazardous waste) services ⁴	\$1,000.. 1 567
Management consulting and administrative services ⁴	\$1,000.. 866
Taxes and license fees ⁴	\$1,000.. 2 919
All other expenses ⁴	\$1,000.. 43 809

¹For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

²Includes establishments with payroll at any time during the year.

³Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

⁴Based on 2002 Annual Survey of Manufactures (ASM) sample data.

⁵A response coverage ratio is derived for this item by calculating the ratio of the weighted employment (establishment data multiplied by sample weight) for those Annual Survey of Manufactures (ASM) establishments that reported to the weighted total employment for all ASM establishments classified in this industry.

Note 1: The amounts shown for other expenses reflect only those services that establishments purchase from other companies.

Note 2: The data in this table are based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 4. Industry Statistics by Employment Size: 2002

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Employment size class	E ¹	All establishments ²	All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Number ³	Payroll (\$1,000)	Number ³	Hours (1,000)	Wages (\$1,000)				
332998, Enameled iron and metal sanitary ware manufacturing											
All establishments	—	80	6 149	228 088	4 603	9 172	148 099	693 201	541 772	1 246 054	'36 593
Establishments with—											
1 to 4 employees	9	32	b	D	D	D	D	D	D	D	'225
5 to 9 employees	9	8	58	2 034	48	93	1 580	6 130	5 302	11 432	D
10 to 19 employees	8	11	152	5 073	122	249	3 705	13 087	10 520	23 639	D
20 to 49 employees	6	5	133	4 063	119	214	3 330	9 913	6 923	16 806	'352
50 to 99 employees	1	6	432	18 208	329	719	10 888	51 763	44 169	96 250	'1 582
100 to 249 employees	—	9	1 473	57 341	918	1 853	29 543	192 384	148 337	355 978	'5 428
250 to 499 employees	—	7	2 687	87 489	2 030	3 592	55 939	262 219	130 534	393 946	'6 229
500 to 999 employees	—	2	g	D	D	D	D	D	D	D	D
1,000 to 2,499 employees	—	—	—	—	—	—	—	—	—	—	—
2,500 employees or more	—	—	—	—	—	—	—	—	—	—	—
Administrative records ⁴	9	46	210	7 316	177	339	5 596	21 543	18 514	40 057	'823

¹Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1—10 to 19 percent; 2—20 to 29 percent; 3—30 to 39 percent; 4—40 to 49 percent; 5—50 to 59 percent; 6—60 to 69 percent; 7—70 to 79 percent; 8—80 to 89 percent; 9—90 percent or more.

²Includes establishments with payroll at any time during the year.

³Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

⁴Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. Data are also included in respective size classes shown.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 5. Industry Statistics by Primary Product Class Specialization: 2002

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry or product class code	Industry or primary product class	All establishments ¹	All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Number ²	Payroll (\$1,000)	Number ²	Hours (1,000)	Wages (\$1,000)				
332998	Enameled iron and metal sanitary ware manufacturing.....	80	6 149	228 088	4 603	9 172	148 099	693 201	541 772	1 246 054	'36 593
3329980	Enameled iron and metal sanitary ware	80	6 149	228 088	4 603	9 172	148 099	693 201	541 772	1 246 054	'36 593

¹Includes establishments with payroll at any time during the year.

²Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 6a. **Products Statistics: 2002 and 1997**

[Includes quantity and value of products of this industry produced by (1) establishments classified in this industry (primary) and (2) establishments classified in other industries (secondary). Transfers of products of this industry from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
332998	Enameled iron and metal sanitary ware manufacturing	2002.. N	X	X	1 285 737
	1997.. N	N	X	X	1 233 656
3329980	Enameled iron and metal sanitary ware	2002.. N	X	X	1 285 737
	1997.. N	N	X	X	1 233 656
33299801	Enameled iron and metal plumbing fixtures	2002.. N	X	X	1 015 224
	1997.. N	N	X	X	1 074 016
3329980110	Enameled iron and metal plumbing fixtures	2002.. 23	X	X	1 015 224
	1997.. 34	N	X	X	1 074 016
33299802	Other enameled iron and metal plumbing fixtures, including portable chemical toilets, water closet tanks, etc.	2002.. N	X	X	191 129
	1997.. N	N	X	X	97 096
3329980290	Other enameled iron and metal plumbing fixtures, including portable chemical toilets, water closet tanks, etc.	2002.. 12	X	X	191 129
	1997.. 11	N	X	X	97 096
3329980Y	Enameled iron and metal sanitary ware, nsk, total	2002.. N	X	X	79 384
	1997.. N	N	X	X	62 544
3329980YWW	Enameled iron and metal sanitary ware, nsk, for nonadministrative-record establishments	2002.. N	X	X	41 693
	1997.. N	N	X	X	18 735
3329980YWY	Enameled iron and metal sanitary ware, nsk, for administrative-record establishments	2002.. N	X	X	37 691
	1997.. N	N	X	X	43 809

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p-10 to 19 percent estimated; q-20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 6b. **Product Class Shipments for Selected States: 2002 and 1997**

[Not applicable for this report.]

Table 7. Materials Consumed by Kind: 2002 and 1997

[Includes quantity and cost of materials consumed or put into production by establishments classified only in this industry. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Material code	Material consumed	Quantity	Delivered cost (\$1,000)
332998	Enameled iron and metal sanitary ware manufacturing		
00900001	Total materials .....2002..	X	422 029
	.....1997..	X	518 105
332000AC	Metal stampings .....2002..	X	13 908
	.....1997..	X	19 774
33200073	All other fabricated metal products (excluding forgings, castings, and metal stampings) .....2002..	X	D
	.....1997..	X	9 754
33151001	Iron and steel castings (rough and semifinished) .....2002..	X	46 493
	.....1997..	X	20 644
33152003	Other nonferrous metal castings, rough and semifinished (including aluminum and aluminum-base alloy) .....2002..	X	D
	.....1997..	X	N
33120001	Steel shapes and forms (excluding castings, forgings, and fabricated metal products) .....2002..	X	97 208
	.....1997..	X	80 172
33142135	Copper and copper-base alloy pipe and tube (excluding castings, forgings, and fabricated metal products) .....2002..	X	D
	.....1997..	X	3 177
32521105	Plastics resins consumed in the form of granules, pellets, powders, liquids, etc. ....2002..	X	26 658
	.....1997..	X	43 649
32610011	Fabricated plastics products (excluding gaskets) .....2002..	X	D
	.....1997..	X	10 893
32221001	Paperboard containers, boxes, and corrugated paperboard .....2002..	X	20 414
	.....1997..	X	47 912
00970099	All other materials and components, parts, containers, and supplies .....2002..	X	126 531
	.....1997..	X	233 301
00971000	Materials, ingredients, containers, and supplies, nsk .....2002..	X	34 315
	.....1997..	X	48 829

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p-10 to 19 percent estimated; q-20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.